Application No. 10/665,188
Filed: September 17, 2003
TC Art Unit: 1614
Confirmation No.: 5560

AMENDMENT TO THE CLAIMS

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1. (Original) A method of preparing an ammiotic membrane extract, said method comprising the steps of:

obtaining a healthy amniotic membrane from a pregnant mammal; homogenizing said membrane to obtain a homogenate solution; freezing said homogenate solution; and lyophilizing said frozen homogenate solution to dryness.

- 2. (Original) The method of claim 1, further comprising the step of processing said lyophilized homogenate to a powder.
- 3. (Original) The method of claim 1, further comprising the step of reconstituting said lyophilized homogenate.
- 4. (Original) The method of claim 3, wherein said lyophilized homogenate is reconstituted in a liquid.
- 5. (Original) The method of claim 4, wherein said liquid is selected from the group consisting of balanced salt solution and fresh amniotic fluid.
- 6. (Original) The method of claim 3, wherein said lyophilized homogenate is reconstituted in a gel, an ointment, a cream or a soap.
- 7. (Original) The method of claim 1, wherein said amniotic membrane is a human amniotic membrane.

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- 8. (Original) The method of claim 1, wherein said amniotic membrane is obtained from a mammal selected from the group consisting of pig, cow or horse.
- 9. (Original) The method of claim 1, wherein said amniotic membrane is freshly obtained.
- 10. (Original) A pharmaceutical composition for prophylaxis and/or treatment of a disease or condition, said composition comprising:
- a therapeutically effective amount of an amniotic membrane extract prepared according to the method of claim 1; and
- a pharmaceutically acceptable carrier for administering said amniotic membrane extract to a patient in need of said prophylaxis and/or treatment.
- 11. (Original) The pharmaceutical composition of claim 10, wherein said pharmaceutically acceptable carrier is selected from the group consisting of an ophthalmic solution for eye drops, a gel, an ointment, an emulsion, a cream, a powder and a spray.
- 12. (Original) The pharmaceutical composition of claim 10, wherein said pharmaceutically acceptable carrier is a bandage or a medicinal contact lens for local administration to said patient.
- 13. (Currently Amended) A method of prophylaxis and/or treatment of a disease or condition, said method comprising the steps of:

providing a patient in need of such prophylaxis and/or treatment; and

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administering an effective amount of the pharmaceutical composition of claim 1110 to said patient.

- 14. (Original) The method of claim 13, wherein said disease or condition is selected from the group consisting of persistent corneal ulcer, Ocular Cicatritial Pemphigoid, Stevens-Johnson syndrome, conjunctival inflammation, dry eye, Sjögren's syndrome, injuries, multi-surgery effects, chemical or thermal infections, neurotrophic severe microbial lenses over-wear, ulcerative ischemic keratitis, peripheral keratitis, pterigium aniridia, limbitis OT inflammatory keratitis, pseudopterigium, and multiple endocrine deficiency.
- 15. (Original) The method of claim 13, wherein said carrier in said pharmaceutical composition for said amniotic membrane extract is preservative free eye drops.
- 16. (Original) A kit for prophylaxis and/or treatment of a disease or condition, wherein said kit comprises:
- a therapeutically effective amount of an amniotic membrane extract prepared according to the method of claim 1; and instructions for the use thereof.
- 17. (Original) The kit of claim 16, said kit further comprising a pharmaceutically acceptable carrier for administering said ammiotic membrane extract to a patient in need of said prophylaxis

and/or treatment.

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18. (New) A method of prophylaxis and/or treatment of a disease or condition, said method comprising the steps of:

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providing a patient in need of such prophylaxis and/or treatment; and

administering an effective amount of the pharmaceutical composition of claim 11 to said patient.

19. (New) A method of prophylaxis and/or treatment of a disease or condition, said method comprising the steps of:

providing a patient in need of such prophylaxis and/or treatment; and

administering an effective amount of the pharmaceutical composition of claim 12 to said patient.